

STEPHENS et al.  
Application No.: 09/438,185  
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Exempl

25. (New) The composition of claim 24, wherein the carrier is an aqueous carrier.
26. (New) The composition of claim 24, further comprising an adjuvant.
27. (New) The isolated *Chlamydia pneumoniae* protein of claim 23, which is bound to a solid surface.
28. (New) The isolated *Chlamydia pneumoniae* protein of claim 27, wherein the solid surface is nitrocellulose.
29. (New) An isolated *Chlamydia pneumoniae* protein comprising an amino acid sequence
- (i) having tryptophan hydroxylase activity, and
  - (ii) at least about 80% identical to the sequence set forth in SEQ ID NO: 1047; or
  - (iii) encoded by a nucleic acid that hybridizes to a sequence consisting of residues 1200675 to 1199590 of SEQ ID NO: 1, under hybridization conditions that include a wash at 65°C in 0.2x SSC and 0.1% SDS.
30. (New) A composition comprising the isolated protein of claim 29, and a carrier.
31. (New) The composition of claim 30, wherein the carrier is an aqueous carrier.
32. (New) The composition of claim 30, further comprising an adjuvant.
33. (New) The isolated *Chlamydia pneumoniae* protein of claim 29, which is bound to a solid surface.